

Title (en)
DECONTAMINATION PROCESS

Title (de)
DEKONTAMINIERUNGSVERFAHREN

Title (fr)
PROCEDE DE DECONTAMINATION

Publication
EP 0883451 A4 20010516 (EN)

Application
EP 97907600 A 19970211

Priority
• US 9702167 W 19970211
• US 60223296 A 19960215

Abstract (en)
[origin: US5753493A] The instant invention is an egg wash decontaminating solution and process. The decontaminating solution and process allows for reducing the surface tension of a biofilm allowing for the removal of the biofilm and control of underlying bacteria. A solution of triterpene saponin provides the surface tension wherein an optional soft acid such as food grade sodium lactate operates to control the bacteria. The saponin further acts as a foaming agent providing visual indication of operation while holding matter in suspension.

IPC 1-7
A61L 2/18; B09B 3/00; C02F 3/00; A23B 5/00; A23B 5/06

IPC 8 full level
A23B 5/00 (2006.01); **A23B 5/06** (2006.01); **A61L 2/18** (2006.01); **B08B 7/00** (2006.01); **C11D 3/382** (2006.01); **C11D 3/48** (2006.01); **C11D 11/00** (2006.01); **C12N 9/70** (2006.01)

CPC (source: EP US)
A23B 5/00 (2013.01 - EP US); **A23B 5/06** (2013.01 - EP US); **A61L 2/18** (2013.01 - EP US); **B08B 7/00** (2013.01 - EP US); **B08B 7/0014** (2013.01 - EP US); **C11D 3/382** (2013.01 - EP US); **C11D 3/48** (2013.01 - EP US); **C11D 2111/14** (2024.01 - EP US)

Citation (search report)
• [X] DE 4410778 A1 19951005 - BEISEL GUENTHER [DE]
• [X] DATABASE WPI Section Ch Week 199121, Derwent World Patents Index; Class D13, AN 1991-152272, XP002163220
• See also references of WO 9729864A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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US 5753493 A 19980519; AU 1956497 A 19970902; CA 2246373 A1 19970821; CA 2246373 C 20080115; CN 1216009 A 19990505; EP 0883451 A1 19981216; EP 0883451 A4 20010516; JP 2000504768 A 20000418; US 5882916 A 19990316; WO 9729864 A1 19970821

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US 61991896 A 19960320; AU 1956497 A 19970211; CA 2246373 A 19970211; CN 97192335 A 19970211; EP 97907600 A 19970211; JP 52944597 A 19970211; US 60223296 A 19960215; US 9702167 W 19970211